Release notes for ENDF/B Development std-002_He_003 evaluation

November 1, 2016

- `checkr` Warnings:

  1. The standards sublibrary uses NSUB=19, but this was never officially adopted by CSEWG for the ENDF format.
     MAT= 225, MF= 1, MT=451 (0): Stds. NSUB

     ```
     ERROR(S) FOUND IN MAT= 225, MF= 1, MT=451
         INVALID SUBLIBRARY NUMBER NSUB =   19          RECORD NUMBER       4
     ```

  2. The standards sublibrary is not meant for transport calculations and is not required to be complete.
     MAT= 225, MF= 3, MT=451 (0): Incompleteness

     ```
     ERROR(S) FOUND IN MAT= 225, MF= 3, MT=451
         LRP =  0 Requires the presence of File 2, but it is missing.
     ```

- `fizcon` Errors:

  1. Missing files (probably spectra for outgoing particles)
     MAT -1 MF 6 (1): Missing files (a)

     ```
     ERROR(S) - MISSING SECTIONS IN MAT   -1 MF  6
         PRESENCE OF FILE 3, MT= 103 REQUIRES AN EQUIVALENT SECTION IN FILE 6
     ```

- `fudge-4.0` Warnings:

  1. Indicates a test was skipped due to missing information
     reactionSuite: (Error # 0): Test skipped

     ```
     WARNING: Skipped test Wick's limit: "Channel 'n + He3' could not be found!"
     ```

- `fudge-4.0` Errors:

  1. Calculated and tabulated Q values disagree.
     reaction label 0: H1 + H3_s (Error # 0): Q mismatch

     ```
     WARNING: Calculated and tabulated Q-values disagree: -258660.5978374481 eV vs 763752. eV!
     ```